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RISOGRAPH
TECHNICAL INFORMATION

TO: Dealer Technical Department Page 1/2

FROM: Rick Church Date: 2/5/88

SUBJECT: Trouble Shooting Issue # T - 10

MODEL: 2700

T - 3 Indication is caused by abnormal operation of plate clam. The cause: Drum not aligned with magnet a sensor, Clamp motor gear not engaging properly, Clamp motor guide plate binding, or angular sensor out of adjustment.

* The procedure to clear T-3 indication is as follows. Press Jam Reset button, the indication on display panel will now advise user to press master making button again to restart master making process.

The following is a guide to trouble shoot persistent T-3 problems.

1) Drum not aligned with magnet A Sensor: Refer to page 3-25 in technical manual for magnet A adjustment. In the cases were a color drum is used and T-3 occurs it may be necessary to adjust the A magnet on the drum. This can be done by removing the drum from the machine. Loosen (don't remove) the 3 allen screws that attach the drum unit to the squeegee drive and turn drum in the direction required to change A magnet position. Hold drum case in position and tighten screws.

2) Clamp motor gear not engaging properly: Refer to page 3-33 in technical manual for adjustment. In some cases it may be necessary to adjust compensator plate page 3-34 technical manual. If proper gap can't be adjusted it may be necessary to form compensator plate up or down to acquire proper gap.

3) Clamp motor guide plate bindings: The clamp motor guide plate (page II-26 Item 20 in parts book) is located to the left side of the clamp motor bracket. This plate acts as a guide for the up and down motion of the clamp motor bracket and is adjustable. If binding still occurs after adjustment it may be necessary to remove the plate and file the inside opening to remove any possible burr in that opening. Greasing (lightly) the opening will insure proper action.

3) Angular Sensor Adjustment: Refer to page 3-34 for adjustment when testing the sensor for 0 or 180 reading on checkerboard follow these steps to determine if sensor is defective or out of adjustment:

- Correct Checkerboard
- Rotate drum to home position
- Test the 0 position = 0 position light should light on checkerboard if not adjust sensor. Once light is lit wiggle the drum back and forth a little bit. Light should remain lit if not adjust again. If unable to keep light on replace the sensor.
- Test the 180 position = follow same steps as 0 test.